

Project Name: Acids Soils in South Eastern Australia
Project Code: AcidSoils **Site ID:** AN133 **Observation ID:** 1
Agency Name: CSIRO Land and Water (ACT)

Site Information

Desc. By:	G. W. Geeves	Locality:	
Date Desc.:	28/09/88	Elevation:	220 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	No Data
Northing/Long.:	6108300 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	515200 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	10 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	180 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	GN2.21
		Great Soil Group:	N/A

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Tall Strata - Sod grass, <0.25m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

Ap	0 - 0.1 m	Dark brown (7.5YR3/4-Moist); ; Sandy loam;
A3	0.1 - 0.4 m	Strong brown (7.5YR5/6-Moist); ; Loamy sand; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules;
B1	0.4 - 0.6 m	Strong brown (7.5YR5/6-Moist); ; Coarse sandy loam; Very few (0 - 2 %), Ferruginous, Coarse (6 - 20 mm), Nodules;
B2	0.6 - 0.8 m	Yellowish brown (10YR5/4-Moist); , 7.5YR58, 20-50% , 5-15mm, Distinct; Sandy clay loam;

Morphological Notes

B1 Nodules very common, 20mm.

Observation Notes

Capeweed>>clover & grasses. Sandy gradational reddish profile, no CO3. Alluvial fan to north? Red Earth.

Site Notes

Wagga Wagga

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.1	4.37B		0.74K	0.22	0.31	0.04			
0.1 - 0.2	4.31B		0.61K	0.16	0.21	0.02			
0.2 - 0.3	4.49B		0.88K	0.17	0.13	0.02			
0.3 - 0.4	4.77B		1.17K	0.23	0.11	0.02			
0.4 - 0.5	5B								
0.7 - 0.8	5.33B								

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Laboratory Analyses Completed for this profile

13_NR_AL	Extractable Al(%) - Not recorded
13_NR_MN	Extractable Mn(%) - Not recorded
15_NR_AL	Exchangeable aluminium - method not recorded
15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct